



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 10071144
SAU: Auburn School Department
School: Auburn Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: March 2008

Grade: 7

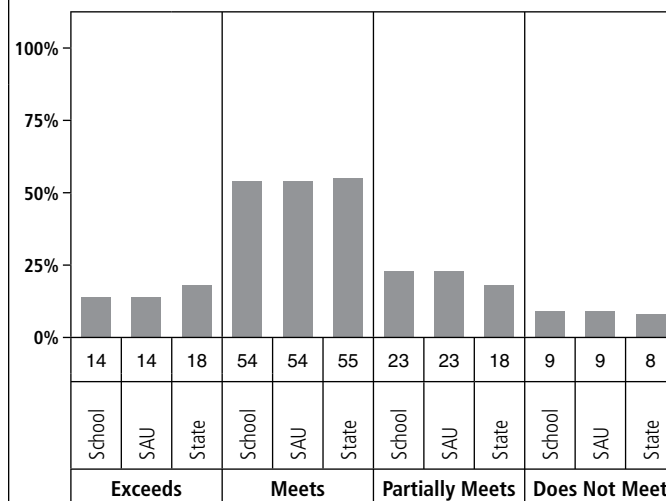
SAU: Auburn School Department

School: Auburn Middle School

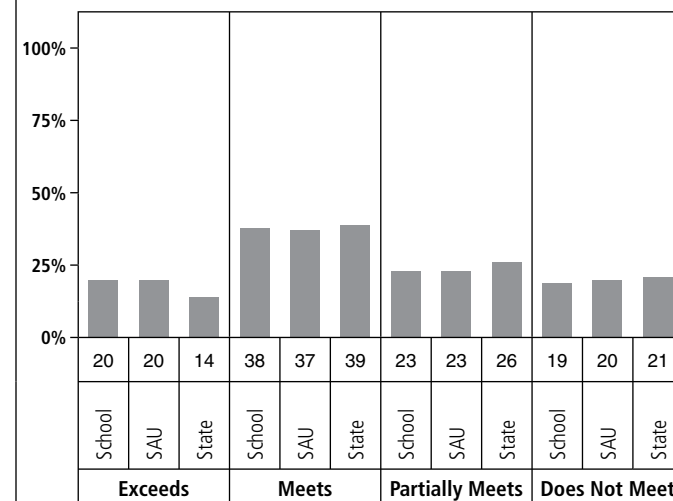
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	744	743	745
2006–2007	746	746	748
2007–2008	748	748	750
Cum. Avg. *	746	746	748
Mathematics			
2005–2006	743	743	740
2006–2007	743	743	742
2007–2008	745	744	743
Cum. Avg. *	744	743	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: Auburn School Department
 School: Auburn Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	249	100	253	100	14818	100	248	100	252	100	14698	99	248	100	252	100	14694	99												
Ethnicity African American/Black	15	6	15	6	381	3	15	100	15	100	372	98	15	100	15	100	375	99												
American Indian or Native Alaskan	2	1	2	1	113	1	2	100	2	100	112	99	2	100	2	100	112	99												
Asian or Pacific Islander	3	1	3	1	219	1	3	100	3	100	213	97	3	100	3	100	217	99												
Hispanic	6	2	6	2	178	1	6	100	6	100	176	99	6	100	6	100	177	100												
Caucasian/White	223	90	227	90	13927	94	222	100	226	100	13825	99	222	100	226	100	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	50	20	54	21	2556	17	50	100	54	100	2508	99	50	100	54	100	2497	98												
Current LEP	10	4	10	4	363	2	10	100	10	100	352	97	10	100	10	100	360	99												
Economically disadvantaged	104	42	106	42	5461	37	104	100	106	100	5408	99	104	100	106	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	200	80	200	79	12195	82	201	81	201	79	12215	82												
Identified disability (PET/IEP)	7	4	7	4	418	3	8	4	8	4	421	3												
LEP	7	4	7	4	183	2	7	3	7	3	183	1												
504 plan	5	3	5	3	181	1	5	2	5	2	182	1												
Participation with accommodations	45	18	48	19	2320	16	44	18	47	19	2303	16												
Identified disability (PET/IEP)	40	89	43	90	1912	82	39	89	42	89	1900	83												
LEP	3	7	3	6	159	7	3	7	3	6	173	8												
504 plan	1	2	1	2	56	2	1	2	1	2	55	2												
Other	1	2	1	2	244	11	1	2	1	2	226	10												
Participation through alternate assessment (PAAP)	3	1	4	2	178	1	3	1	4	2	176	1												
Identified disability (PET/IEP)	3	100	4	100	178	100	3	100	4	100	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	1	0	1	0	93	1	1	0	1	0	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	March 2008
Grade:	7
SAU:	Auburn School Department
School:	Auburn Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	33	13	33	12	1769	11
	2006-2007	31	12	31	12	2630	18
	2007-2008	35	14	35	14	2604	18
	Cum. Total*	99	13	99	13	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	106	41	107	40	7521	49
	2006-2007	130	51	130	51	7605	51
	2007-2008	133	54	133	54	8049	55
	Cum. Total*	369	49	370	48	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	73	28	77	29	3773	24
	2006-2007	61	24	61	24	3000	20
	2007-2008	56	23	57	23	2672	18
	Cum. Total*	190	25	195	25	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	46	18	50	19	2399	16
	2006-2007	33	13	34	13	1620	11
	2007-2008	21	9	23	9	1190	8
	Cum. Total*	100	13	107	14	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	34.1	60.9	33.9	60.5	35.3	63.0
Literary Text	28	50	16.9	60.4	16.8	60.0	17.3	61.8
Informational Text	28	50	17.2	61.4	17.1	61.1	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Auburn School Department
 School: Auburn Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	245	35	14	133	54	56	23	21	9	748	248	14	54	23	9	748	14515	18	55	18	8	750
Ethnicity																						
African American/Black	15	2	13	6	40	3	20	4	27	741	15	13	40	20	27	741	365	10	49	19	22	742
American Indian or Native Alaskan	2										2						110	6	52	24	18	744
Asian or Pacific Islander	3										3						211	26	47	20	6	752
Hispanic	6	1	17	4	67	1	17	0	0	752	6	17	67	17	0	752	173	12	54	18	15	746
Caucasian/White	219	31	14	120	55	51	23	17	8	748	222	14	54	23	9	748	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	47	1	2	12	26	21	45	13	28	736	50	2	24	44	30	735	2330	2	30	36	32	735
No	198	34	17	121	61	35	18	8	4	751	198	17	61	18	4	751	12185	21	60	15	4	753
Current LEP																						
Yes	10	2	20	5	50	1	10	2	20	745	10	20	50	10	20	745	342	8	46	22	24	741
No	235	33	14	128	54	55	23	19	8	748	238	14	54	24	9	748	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	103	7	7	53	51	30	29	13	13	744	105	7	50	30	13	743	5299	9	51	26	14	745
No	142	28	20	80	56	26	18	8	6	751	143	20	56	18	6	751	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	245	35	14	133	54	56	23	21	9	748	248	14	54	23	9	748	14514	18	55	18	8	750
Gender																						
Female	132	22	17	74	56	26	20	10	8	750	133	17	56	20	8	750	7084	24	55	15	6	752
Male	113	13	12	59	52	30	27	11	10	746	115	11	51	26	11	746	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	24	0	0	10	42	11	46	3	13	741	24	0	42	46	13	741	946	6	47	34	12	743
No	221	35	16	123	56	45	20	18	8	749	224	16	55	21	9	749	13569	19	56	17	8	750
Gifted/talented program																						
Yes	12	6	50	6	50	0	0	0	0	763	12	50	50	0	0	763	574	61	38	1	0	765
No	233	29	12	127	55	56	24	21	9	747	236	12	54	24	10	747	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: Auburn School Department

School: Auburn Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	6 39 50 5	0 7 26 2	0 7 21 15	5 51 67 8	36 54 55 62	3 26 25 2	21 27 21 15	6 11 3 1	43 12 2 8	736 745 752 749	6 39 49 6	0 7 21 14	33 53 55 57	20 27 21 21	47 13 2 7	734 745 752 748	6 50 40 4	9 17 20 19	42 56 58 49	24 19 16 21	25 8 6 11	741 750 752 749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	26 52 16 6	14 16 4 1	22 13 11 7	30 70 25 6	47 55 66 43	17 31 5 3	27 24 13 21	3 10 4 4	5 8 11 29	750 748 748 739	26 52 15 6	22 12 11 7	47 54 66 40	27 25 13 20	5 9 11 33	750 748 748 737	36 50 11 3	24 16 13 4	58 58 45 35	14 19 26 29	5 8 16 31	753 749 745 737
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	22 57 17 4	14 18 3 0	26 13 7 0	29 76 22 4	54 55 54 40	8 31 15 2	15 22 37 20	3 13 1 4	6 9 2 40	754 748 745 736	23 56 17 4	25 13 7 0	52 55 52 40	16 22 36 20	7 9 5 40	753 748 744 736	28 52 18 2	35 15 3 2	52 60 49 41	9 18 33 28	5 7 15 29	756 750 742 738
How difficult was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	18 61 21	4 24 7	9 16 14	19 82 30	43 55 59	15 33 8	34 22 16	6 9 6	14 6 12	744 749 749	19 60 21	9 16 14	40 55 59	34 22 16	17 6 12	742 749 749	16 65 19	13 18 21	48 57 57	23 18 16	16 7 6	745 750 752
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	10 57 32	1 17 16	4 12 21	10 74 45	40 54 58	6 39 10	24 28 13	8 7 6	32 5 8	737 748 752	11 57 32	4 12 21	37 54 58	26 28 13	33 6 8	736 748 752	9 55 36	5 14 28	38 57 58	29 22 10	28 7 4	738 748 755
How hard did you try on the reading part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	48 45 7	20 15 0	17 14 0	60 62 8	52 57 47	26 24 6	23 22 35	9 8 3	8 7 18	749 749 740	47 46 7	17 13 0	52 55 47	23 22 35	8 9 18	749 748 740	44 51 5	18 19 9	56 56 46	18 17 26	8 7 19	750 751 743
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	17 45 9 28	6 19 2 8	14 17 9 12	25 55 12 39	60 50 55 57	10 29 4 13	24 26 18 19	1 7 4 9	2 6 18 13	752 749 744 746	17 45 9 28	14 17 9 11	58 50 55 56	23 27 18 19	5 6 18 14	751 749 744 745	17 45 13 24	25 22 14 8	57 56 56 53	13 16 21 26	6 6 9 13	753 752 748 745
Optional school/SAU question A. B. C. D.	38 6 13 43	14 0 4 17	16 0 13 17	54 7 16 51	61 54 52 51	15 4 9 23	17 31 29 23	6 2 2 9	7 15 6 9	750 740 748 749	38 6 13 43	16 0 13 17	60 54 52 50	17 31 29 24	8 15 6 9	750 740 748 749						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

N = Number

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: Auburn School Department
School: Auburn Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	53	21	53	20	1646	11
	2006-2007	42	16	42	16	2142	14
	2007-2008	50	20	50	20	2028	14
	Cum. Total*	145	19	145	19	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	86	33	88	33	5497	36
	2006-2007	98	38	98	38	5642	38
	2007-2008	92	38	92	37	5703	39
	Cum. Total*	276	36	278	36	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	69	27	70	26	4514	29
	2006-2007	57	22	58	23	4077	27
	2007-2008	56	23	56	23	3733	26
	Cum. Total*	182	24	184	24	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	50	19	56	21	3797	25
	2006-2007	58	23	58	23	3001	20
	2007-2008	47	19	50	20	3054	21
	Cum. Total*	155	20	164	21	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	9.2	57.5	9.1	56.9	8.8	55.0
Cluster 2: Shape and Size	14	25	5.8	41.4	5.7	40.7	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.7	46.3	3.7	46.3	3.5	43.8
Cluster 4: Patterns	18	32	8.6	47.8	8.5	47.2	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: Auburn School Department
 School: Auburn Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	245	50	20	92	38	56	23	47	19	745	248	20	37	23	20	744	14518	14	39	26	21	743
Ethnicity																						
African American/Black	15	2	13	3	20	3	20	7	47	732	15	13	20	20	47	732	372	5	24	25	45	731
American Indian or Native Alaskan	2										2						110	5	30	36	29	736
Asian or Pacific Islander	3										3						216	25	34	23	18	748
Hispanic	6	1	17	1	17	3	50	1	17	737	6	17	17	50	17	737	175	9	32	30	29	737
Caucasian/White	219	46	21	85	39	49	22	39	18	746	222	21	38	22	19	745	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	47	1	2	8	17	15	32	23	49	728	50	2	16	30	52	727	2321	2	16	26	55	727
No	198	49	25	84	42	41	21	24	12	749	198	25	42	21	12	749	12197	16	44	26	15	746
Current LEP																						
Yes	10	2	20	1	10	3	30	4	40	734	10	20	10	30	40	734	356	7	23	24	45	731
No	235	48	20	91	39	53	23	43	18	745	238	20	38	22	19	745	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	103	9	9	32	31	32	31	30	29	738	105	9	30	30	30	737	5301	5	31	31	33	736
No	142	41	29	60	42	24	17	17	12	750	143	29	42	17	13	750	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	245	50	20	92	38	56	23	47	19	745	248	20	37	23	20	744	14517	14	39	26	21	743
Gender																						
Female	132	29	22	47	36	29	22	27	20	745	133	22	35	22	21	744	7086	14	40	26	20	743
Male	113	21	19	45	40	27	24	20	18	745	115	18	39	23	19	744	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	24	0	0	2	8	11	46	11	46	728	24	0	8	46	46	728	946	4	23	36	37	733
No	221	50	23	90	41	45	20	36	16	747	224	22	40	20	17	746	13572	15	40	25	20	743
Gifted/talented program																						
Yes	12	8	67	3	25	1	8	0	0	766	12	67	25	8	0	766	575	64	31	3	1	765
No	233	42	18	89	38	55	24	47	20	744	236	18	38	23	21	743	13943	12	40	27	22	742

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008

Grade: 7

SAU: Auburn School Department

School: Auburn Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	6	0	0	5	36	4	29	5	36	732	6	0	33	27	40	730	6	7	29	26	37	734
B. less than one hour	39	15	16	30	32	24	25	26	27	740	39	16	31	25	28	740	50	13	39	26	22	742
C. one to two hours	50	28	23	53	44	25	21	15	12	749	49	23	44	21	12	749	40	15	42	26	17	744
D. more than two hours	5	7	54	3	23	2	15	1	8	756	6	50	21	14	14	752	4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	35	26	31	34	40	13	15	12	14	750	35	31	40	15	14	750	32	21	40	23	16	747
B. They match some of what I have learned.	49	19	16	43	36	34	28	24	20	743	49	16	36	28	21	743	50	12	42	27	19	743
C. They match just a little of what I have learned.	10	3	12	8	32	6	24	8	32	738	10	12	32	24	32	738	15	7	32	31	30	737
D. There is no match.	5	2	15	6	46	2	15	3	23	741	6	13	40	13	33	736	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	28	29	42	32	46	4	6	4	6	758	28	41	46	6	7	757	25	34	42	13	11	753
B. good	47	17	15	42	37	30	27	24	21	742	46	15	37	26	22	742	47	10	45	27	18	743
C. fair	22	4	8	14	26	19	36	16	30	736	22	8	26	36	30	736	23	3	30	36	32	735
D. poor	3	0	0	3	38	2	25	3	38	732	4	0	33	22	44	729	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	24	4	7	19	32	12	20	24	41	734	25	7	31	20	43	733	36	6	38	29	27	738
B. about the same as my regular schoolwork	51	15	12	54	44	37	30	18	15	744	51	12	44	30	15	744	53	13	42	27	18	744
C. easier than my regular schoolwork	24	30	51	18	31	6	10	5	8	756	24	50	30	10	10	756	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	17	15	36	33	26	24	31	28	741	46	15	32	23	29	740	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	47	28	25	50	44	24	21	12	11	749	47	24	43	21	11	749	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	7	5	29	5	29	4	24	3	18	746	7	29	29	24	18	746	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	5	4	36	3	27	0	0	4	36	747	5	36	27	0	36	747	9	15	37	25	23	742
B. two or three days a week	22	10	19	21	40	10	19	12	23	746	22	19	39	19	24	745	20	13	41	26	20	743
C. two or three times each month	47	20	18	49	43	32	28	12	11	746	47	18	43	28	11	746	30	15	40	27	18	744
D. never or almost never	26	15	25	16	26	12	20	18	30	741	26	24	25	19	32	740	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	26	18	28	26	41	11	17	9	14	748	27	27	39	17	17	747	20	17	39	23	22	744
B. two or three days a week	45	24	22	40	37	26	24	19	17	747	44	22	37	24	17	747	29	16	40	25	19	744
C. two or three times a month	19	5	11	18	39	12	26	11	24	742	19	11	38	26	26	741	26	13	40	28	20	743
D. never or almost never	10	2	9	7	30	6	26	8	35	732	9	9	30	26	35	732	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	5	1	8	5	42	4	33	2	17	738	5	8	42	33	17	738	8	7	32	26	35	736
B. 30–45 minutes	39	9	10	35	37	28	30	22	23	741	39	9	36	29	25	740	41	12	38	27	23	741
C. 45–60 minutes	50	34	28	46	38	20	17	21	17	748	50	28	38	16	18	747	41	17	42	24	16	745
D. more than 60 minutes	7	6	38	5	31	3	19	2	13	751	7	38	31	19	13	751	10	15	38	25	22	743
Optional school/SAU question																						
A.	38	20	22	38	43	17	19	14	16	747	38	22	42	19	17	746						
B.	6	1	8	4	31	5	38	3	23	739	6	8	31	38	23	739						
C.	13	8	26	11	35	5	16	7	23	746	13	26	35	16	23	746						
D.	43	21	21	37	37	24	24	18	18	746	43	21	37	24	19	745						

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